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AUGUST 1967

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**ESTABLISHMENTS HOLDING
U.S. VETERINARY LICENSES
TO PRODUCE BIOLOGICAL
PRODUCTS**

**in effect
July 1, 1967**

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Prepared by
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 United States Department of Agriculture
 Hyattsville, Maryland 20782

ALPHABETICAL LIST OF ESTABLISHMENTS HOLDING

U. S. VETERINARY LICENSES - July 1, 1967

	<u>License No.</u>
Abbott Laboratories, North Chicago, Illinois dba/Abbott Laboratories, North Chicago, Illinois 60064 AMDAL Company, Agricultural Division, Abbott Laboratories, North Chicago, Illinois 60064, and Abbott Laboratories, International Veterinary Division, North Chicago, Illinois 60064	243
Affiliated Laboratories Corporation, 222 West Washington Square, Philadelphia, Pennsylvania - With Its Producing Subsidiaries: AFFILIATED LABORATORIES CORPORATION, White Hall, Illinois and National Laboratories Corporation (Nebraska), 1722 Main Street, Kansas City, Missouri - MAIL: P. O. Box 221, White Hall, Illinois 62092 Affiliated Laboratories Corporation, White Hall, Illinois Grain Belt Division, Omaha, Nebraska Gregory Laboratory Division, White Hall, Illinois	225
American Cyanamid Company, Berdan Avenue, Wayne, New Jersey 07472 MAIL: Lederle Laboratories Division, Pearl River, New York 10965	9
American Hoechst Corporation, 777 Third Avenue, New York, New York 10017 With Its Producing Subsidiary: THE NATIONAL LABORATORIES CORPORATION, 1722 Main Street, Kansas City, Missouri 64108 MAIL: 1510 South 42nd Street, Kansas City, Kansas 66106	198
American Home Products Corporation, 685 Third Avenue, New York, New York 10017 and Its Producing Subsidiaries: FORT DODGE LABORATORIES, INC., P. O. Box 518, Fort Dodge, Iowa 50502, and Wyeth International Limited, P. O. Box 8299, Philadelphia, Pennsylvania 19101 MAIL: P. O. Box 518, Fort Dodge, Iowa 50502	112
American Laboratories, Inc. - dba/AMERLAB - With Its Producing Subsidiary: Kenelab, Inc., R. D. 6, Gainesville, Georgia 30501	234
American Serum Company - With Its Producing Subsidiary: Consolidated Veterinary Laboratories, Inc. 2117 Leech Avenue, Sioux City, Iowa MAIL: P. O. Box 56, Sioux City, Iowa 51102	110
Armour Pharmaceutical Company, 401 N. Wabash Avenue, Chicago, Illinois - dba/Armour Pharmaceutical Company, Chicago, Illinois; ARMOUR-BALDWIN LABORATORIES, Division of Armour Pharmaceutical Company, 2465 N. 16th Street, Omaha, Nebraska, and Bradley Products Company, P. O. Box 700, Bradley, Illinois, Producing Subsidiary of Armour Pharmaceutical Company MAIL: Armour-Baldwin Laboratories, P. O. Box 3113, Omaha, Nebraska 68103	103

Armour Pharmaceutical Company, 401 N. Wabash Avenue, Chicago, Illinois - dba/Armour Pharmaceutical Company, Chicago, Illinois; Armour-Baldwin Laboratories, Division of Armour Pharmaceutical Company, Omaha, Nebraska; and, BRADLEY PRODUCTS COMPANY, P. O. Box 700, Bradley, Illinois, Producing Subsidiary of Armour Pharmaceutical Company MAIL: Bradley Products Company, P. O. Box 700, Bradley, Illinois 60915	103-A
Bandy Laboratories, Inc. - With Its Producing Subsidiary: Bi Vet Laboratories, Inc., 2114 South First Street, Temple, Texas MAIL: P. O. Box 727, Temple, Texas 76502	227
Barlab, Inc., P. O. Box 1, Sun Prairie, Wisconsin 53590	255
Beebe Laboratories, Inc., East Larpenteur & Beebe Road, St. Paul, Minnesota - MAIL: P. O. Box 2106, St. Paul, Minnesota 55109	17
Biological Specialties Corporation, 7819 Airport Road, Middleton, Wisconsin - MAIL: P. O. Box 37, Middleton, Wisconsin 53562	245
Blue Cross Serum Company, West Third Street, Superior, Nebraska MAIL: P. O. Box 543, Superior, Nebraska 68978	111
Chas. Pfizer & Company, Inc., 235 East 42nd Street, New York, New York 10017 MAIL: P. O. Box 88, Terre Haute, Indiana 47808	158-A
CIBA Corporation, 556 Morris Avenue, Summit, New Jersey 07901 dba/Ciba Corporation and GLAND-O-LAC COMPANY, Division of Ciba Pharmaceutical Company, Division of Ciba Corporation, 1818 Leavenworth Street, Omaha, Nebraska 68101 MAIL: P. O. Box 67, Omaha, Nebraska 68101	204
Colorado Serum Company - With Its Producing Subsidiaries: Americana Laboratories, Inc.; Continental Pharmacal Company; Denver Colorado Laboratories, Inc.; Empire Veterinary Company; International, Inc.; Metropolitan Medical Company; Professional Biological Company; Scientific Laboratories, Inc.; Universal Laboratories, Inc., 4950 York Street, Denver, Colorado 80216	188
Columbus Serum Company (The), 2025 South High Street, Columbus, Ohio 43207	174
Columbus Vaccine Company (The), 765 East Hudson Street, Columbus, Ohio MAIL: P. O. Box 3357, Station "C", Columbus, Ohio 43211	179

	License No.
CUTTER LABORATORIES - With Its Producing Subsidiaries: Amco Biologicals; Berkeley Pharmacals, Inc.; Corn King Company; Haver-Lockhart Laboratories 4th & Parker Streets, Berkeley, California 94710	52
Cutter Laboratories - With Its Producing Subsidiaries: HAVER-LOCKHART LABORATORIES, Corn King Company, Prime Biologicals, Inc., 4th & Parker Streets, Berkeley, California MAIL: P. O. Box 676, Kansas City, Missouri 64141	52-A
Dellen, Inc. - With Its Producing Subsidiary: Custom Biologics, Inc. 2704 North 84th Street, Omaha, Nebraska 68134	254
DIAMOND LABORATORIES, INC., 2538 S. E. 43rd Street, Des Moines, Iowa With Its Producing Subsidiaries: Diamond Laboratories, Inc., Des Moines, Iowa; Amdal, Inc., North Chicago, Illinois; Myzon Laboratories, Inc., Trans World Laboratories, Inc., 6320 Kansas Avenue, Kansas City, Kansas; and, Southwestern Laboratories, Inc., 2155 N. Mosley, Wichita, Kansas MAIL: P. O. Box 863, Des Moines, Iowa 50303	213
Diamond Laboratories, Inc., 2538 S. E. 43rd Street, Des Moines, Iowa With Its Producing Subsidiaries: Diamond Laboratories, Inc., Des Moines, Iowa; Amdal, Inc., North Chicago, Illinois; Myzon Laboratories, Inc., Trans World Laboratories, Inc., Kansas City, Kansas; and, SOUTHWESTERN LABORATORIES, INC., 2155 N. Mosley, Wichita, Kansas MAIL: 2155 N. Mosley, Wichita, Kansas 67214	213-A
Dow Chemical Company (The), Midland, Michigan - dba/The Dow Chemical Company or PITMAN-MOORE, Division of The Dow Chemical Company, 1200 Madison Avenue, Indianapolis, Indiana MAIL: P. O. Box 1656, Indianapolis, Indiana 46206	6-A
Dr. Mayfield Laboratories, 1209 South Main Street, Charles City, Iowa 50616	250
Eli Lilly & Company, Indianapolis, Indiana and Eli Lilly & Company dba/ELANCO PRODUCTS COMPANY, A Division of Eli Lilly & Company and CORVEL, A Division of Eli Lilly & Company 1124 Harney Street, Omaha, Nebraska 68102	99
Gulfoil Serum Company, 1822 North 2nd Street, Kansas City, Kansas 66118	61
H & H Laboratories, Inc., 115 N. E. 88th Street, Miami, Florida 33138	242
Hoosier Veterinary Laboratories, Inc., Thorntown, Indiana 46071	48
Husky Laboratory, Inc., 1510 Wheatland Drive, Pullman, Washington 99163	247

	License No.
I. D. Russell Company Laboratories, 2463 Harrison Street, Kansas City, Missouri MAIL: P. O. Box 1, Kansas City, Missouri 64141	210
Impro Products, Inc., 3 Allamakee Street, Waukon, Iowa 52172	258
Keagy Laboratories, 355 North Foothill Road, Beverly Hills, California 90210	223
Marshall Laboratories, Inc., 2612 Whitney Avenue, Hamden, Connecticut 06518	230
Medford Laboratories, Inc., Medical Center Building 33 North Central Avenue, Medford, Oregon 97502	218
Merck & Company, Inc., Rahway, New Jersey MAIL: Biological Production, Merck & Co., Inc. Building # 28, West Point, Pennsylvania 19486	3
Norden Laboratories - Producing Subsidiary of Smith Kline & French Laboratories, 601 West Cornhusker Highway, Lincoln, Nebraska 68528	189
Norwich Pharmacal Company (The), 17 Eaton Avenue, Norwich, New York 13815 With Its Producing Subsidiary: MAINE BIOLOGICAL LABORATORIES, INC., China Road, Winslow, Maine MAIL: P. O. Box 255, China Road, Waterville, Maine 04901	240
O. M. Franklin Serum Company - With Its Producing Subsidiary: Wyeth Veterinary Products, Inc., 1777 S. Bellaire Street, Denver, Colorado 80222 MAIL: P. O. Box 22335 Willshire Station, Denver, Colorado 80222	117-A
PHILIPS ROXANE, INC., 2621 North Belt Highway, St. Joseph, Missouri dba/Philips Roxane, Inc. and Bio-Ceutic Laboratories, Certified Laboratories, Peters Serum Company, Pets' Best Company, Research Laboratories, Wilke Laboratories, World Health Institute, Ltd., Divisions of Philips Roxane, Inc.; And Its Producing Subsidiaries: Anaco Serum Company, Anchor Serum Company, Medical Industries Corporation, Peerless Serum Company, Pemco, Inc., Inter-Mountain Veterinary Supply Company and Sera Labs., Inc. MAIL: 2621 North Belt Highway, St. Joseph, Missouri 64502	124
Poultry Health Laboratories, P. O. Box 204, Davis, California 95616	244
Purex Laboratories, Inc., 346 Broadway Staten Island, New York 10310	260
Ralston Purina Company, 835 South 8th Street, St. Louis, Missouri 63199	256

	License No.
Rea Serum Company, Southwood Plantation Road, Tallahassee, Florida MAIL: P. O. Box 471, Tallahassee, Florida 32302	193
Richardson-Merrell Inc. - 122 East 42nd Street, New York, New York 10017 dba/JENSEN-SALSBERY LABORATORIES, Division of Richardson-Merrell Inc., 520 West Pennway, Kansas City, Missouri; The National Drug Company, Division of Richardson-Merrell Inc., Philadelphia, Pennsylvania; and, Hess & Clark, Division of Richardson-Merrell Inc., Seventh & Orange Streets, Ashland, Ohio MAIL: 520 West 21st Street, Kansas City, Missouri 64108	107
Richardson-Merrell Inc. - 122 East 42nd Street, New York, New York 10017 dba/Jensen-Salsbery Laboratories, Division of Richardson-Merrell Inc., Kansas City, Missouri; THE NATIONAL DRUG COMPANY, Division of Richardson-Merrell Inc., 4663-85 Stenton Avenue, Philadelphia, Pennsylvania 19148; and Hess & Clark, Division of Richardson-Merrell Inc., Seventh & Orange Streets, Ashland, Ohio MAIL: Biological Laboratories, Swiftwater, Pennsylvania 18370	107-A
SALSBERY LABORATORIES, 500 Gilbert Street, Charles City, Iowa 50616 With Its Producing Subsidiary: FROMM LABORATORIES, INC., Grafton, Wisconsin 53024	195
Schering Corporation, Bloomfield, New Jersey dba/AMERICAN SCIENTIFIC LABORATORIES, A Division of Schering Corporation, 1902 Tennyson Lane, Madison, Wisconsin MAIL: P. O. Box 1288, Madison, Wisconsin 53701	165
Spafas, Inc., R.F.D. # 3, Norwich, Connecticut 06360	261
Sterling Drug, Inc., 90 Park Avenue, New York, New York 10016 dba/Winthrop Laboratories, Division of Sterling Drug, Inc. With Its Producing Subsidiaries: DELAWARE POULTRY LABORATORIES, INC., Millsboro, Delaware; Dorn & Mitchell Laboratories, Inc. and Sterwin Chemicals, Inc., Opelika, Alabama MAIL: Delaware Poultry Laboratories, Inc., Millsboro, Delaware 19966	226
Sterling Drug, Inc., 90 Park Avenue, New York, New York 10016 dba/Winthrop Laboratories, Division of Sterling Drug, Inc. With Its Producing Subsidiaries: Delaware Poultry Laboratories, Inc., Millsboro, Delaware; DORN & MITCHELL LABORATORIES, INC. and Sterwin Chemicals, Inc., Opelika, Alabama MAIL: Dorn & Mitchell Laboratories, Inc., P. O. Box 999, Opelika, Alabama 36801	226-A
Travenol Laboratories, Inc., 6301 Lincoln Avenue, Morton Grove, Illinois 60053	229

	<u>License No.</u>
Veterinary Biologicals, Inc. - With Its Producing Subsidiary: Vetline Laboratories, Inc., 12230 Santa Fe Drive, Lenexa, Kansas 66215	246
Veterinary Vaccines, Inc. - With Its Producing Subsidiary: Lenex Laboratories, Inc., 9247 Rosehill Road, Lenexa, Kansas 66215	251
Vineland Poultry Laboratories, East Landis Avenue, Vineland, New Jersey 08360	196
William Cooper & Nephews, Inc., 1909 North Clifton Avenue, Chicago, Illinois - dba/William Cooper & Nephews, Inc., 1909 N. Clifton Avenue, Chicago, Illinois and DENVER VETERINARY LABORATORIES, INC., Subsidiary of William Cooper & Nephews, Inc.; and, Its Producing Subsidiary: Columbine Laboratories, Inc., 5030 York Street, Denver, Colorado MAIL: 5030 York Street, Denver, Colorado 80216	115
	<u>Permit No.</u>
E. R. Squibb & Sons, 745 Fifth Avenue, New York, New York 10022 MAIL: # 5 Georges Road, New Brunswick, New Jersey 08902	232
Richardson-Merrell Inc. - 122 East 42nd Street, New York, New York 10017 dba/JENSEN-SALSBERY LABORATORIES, Division of Richardson-Merrell Inc., 520 West Pennway, Kansas City, Missouri; The National Drug Company, Division of Richardson-Merrell Inc., Philadelphia, Pennsylvania; and, Hess & Clark, Division of Richardson-Merrell Inc., Seventh & Orange Streets, Ashland, Ohio MAIL: 520 West 21st Street, Kansas City, Missouri 64108	113

NUMERICAL LIST OF ESTABLISHMENTS HOLDING

U. S. VETERINARY LICENSES - July 1, 1967

License
No.

- 3 Merck & Company, Inc., Rahway, New Jersey
MAIL: Biological Production, Merck & Co., Inc.
Building # 28, West Point, Pennsylvania 19486
- 6-A The Dow Chemical Company, Midland, Michigan - dba/The Dow Chemical
Company or PITMAN-MOORE, Division of The Dow Chemical Company,
1200 Madison Avenue, Indianapolis, Indiana
MAIL: P. O. Box 1656, Indianapolis, Indiana 46206
- 9 American Cyanamid Company, Berdan Avenue, Wayne, New Jersey 07472
MAIL: Lederle Laboratories Division, Pearl River, New York 10965
- 17 Beebe Laboratories, Inc., East Larpenteur & Beebe Road,
St. Paul, Minnesota - MAIL: P. O. Box 2106, St. Paul, Minnesota 55109
- 48 Hoosier Veterinary Laboratories, Inc., Thorntown, Indiana 46071
- 52 Cutter Laboratories - With Its Producing Subsidiaries:
Amco Biologicals; Berkeley Pharmacals, Inc.;
Corn King Company; Haver-Lockhart Laboratories
4th & Parker Streets, Berkeley, California 94710
- 52-A Cutter Laboratories - With Its Producing Subsidiaries: Haver-
Lockhart Laboratories, Corn King Company, Prime Biologicals,
Inc., 4th & Parker Streets, Berkeley, California
MAIL: P. O. Box 676, Kansas City, Missouri 64141
- 61 Guilfoil Serum Company, 1822 North 2nd Street, Kansas City, Kansas 66118
- 99 Eli Lilly & Company, Indianapolis, Indiana and Eli Lilly & Company
dba/Elanco Products Company, A Division of Eli Lilly & Company
and Corvel, A Division of Eli Lilly & Company
1124 Harney Street, Omaha, Nebraska 68102
- 103 Armour Pharmaceutical Company, 401 N. Wabash Avenue, Chicago,
Illinois - dba/Armour Pharmaceutical Company, Chicago, Illinois;
Armour-Baldwin Laboratories, Division of Armour Pharmaceutical
Company, 2465 N. 16th Street, Omaha, Nebraska; and Bradley
Products Company, P. O. Box 700, Bradley, Illinois, Producing
Subsidiary of Armour Pharmaceutical Company
MAIL: Armour-Baldwin Laboratories, P.O. Box 3113, Omaha, Nebraska 68103

License
No.

- 103-A Armour Pharmaceutical Company, 401 N. Wabash Avenue, Chicago, Illinois - dba/Armour Pharmaceutical Company, Chicago, Illinois; Armour-Baldwin Laboratories, Division of Armour Pharmaceutical Company, Omaha, Nebraska; and, Bradley Products Company, P. O. Box 700, Bradley, Illinois, Producing Subsidiary of Armour Pharmaceutical Company
MAIL: Bradley Products Company, P.O. Box 700, Bradley, Illinois 60915
- 107 Richardson-Merrell Inc. - 122 East 42nd Street, New York, New York 10017 dba/Jensen-Salsbery Laboratories, Division of Richardson-Merrell Inc., 520 West Pennway, Kansas City, Missouri; The National Drug Company, Division of Richardson-Merrell Inc., Philadelphia, Pennsylvania; and, Hess & Clark, Division of Richardson-Merrell Inc., Seventh & Orange Streets, Ashland, Ohio
MAIL: 520 West 21st Street, Kansas City, Missouri 64108
- 107-A Richardson-Merrell Inc. - 122 East 42nd Street, New York, New York 10017 dba/Jensen-Salsbery Laboratories, Division of Richardson-Merrell Inc., Kansas City, Missouri; The National Drug Company, Division of Richardson-Merrell Inc., 4663-85 Stenton Avenue, Philadelphia, Pennsylvania 19148; and, Hess & Clark, Division of Richardson-Merrell Inc., Seventh & Orange Streets, Ashland, Ohio
MAIL: Biological Laboratories, Swiftwater, Pennsylvania 18370
- 110 American Serum Company - With Its Producing Subsidiary: Consolidated Veterinary Laboratories, Inc.
2117 Leech Avenue, Sioux City, Iowa
MAIL: P. O. Box 56, Sioux City, Iowa 51102
- 111 Blue Cross Serum Company, West Third Street, Superior, Nebraska
MAIL: P. O. Box 543, Superior, Nebraska 68978
- 112 American Home Products Corporation, 685 Third Avenue, New York, New York 10017 and Its Producing Subsidiaries: Fort Dodge Laboratories, Inc., P. O. Box 518, Fort Dodge, Iowa 50502 and Wyeth International Limited, P. O. Box 8299, Philadelphia, Pennsylvania 19101
- 113 Richardson-Merrell Inc. - 122 East 42nd Street, New York, New York 10017 dba/JENSEN-SALSBERY LABORATORIES, Division of Richardson-Merrell Inc., 520 West Pennway, Kansas City, Missouri; The National Drug Company, Division of Richardson-Merrell Inc., Philadelphia, Pennsylvania; and, Hess & Clark, Division of Richardson-Merrell Inc., Seventh & Orange Streets, Ashland, Ohio
MAIL: 520 West 21st Street, Kansas City, Missouri 64108

License
No.

- 115 William Cooper & Nephews, Inc., 1909 North Clifton Avenue,
Chicago, Illinois - dba/William Cooper & Nephews, Inc.,
1909 N. Clifton Avenue, Chicago, Illinois and Denver
Veterinary Laboratories, Inc., Subsidiary of William
Cooper & Nephews, Inc.; and, Its Producing Subsidiary:
Columbine Laboratories, Inc., 5030 York Street, Denver, Colorado
MAIL: 5030 York Street, Denver, Colorado 80216
- 117-A O. M. Franklin Serum Company - With Its Producing Subsidiary:
Wyeth Veterinary Products, Inc., 1777 S. Bellaire Street,
Denver, Colorado 80222
MAIL: P. O. Box 22335 Willshire Station, Denver, Colorado 80222
- 124 Philips Roxane, Inc., 2621 North Belt Highway, St. Joseph, Missouri
dba/Philips Roxane, Inc.
Bio-Ceutic Laboratories
Certified Laboratories
Peters Serum Company
Pets' Best Company
Research Laboratories
Wilke Laboratories
World Health Institute, Ltd.
As Operating Divisions of Philips Roxane, Inc.; and,
Anaco Serum Company
Anchor Serum Company
Medical Industries Corporation
Peerless Serum Company
Pemco, Inc.
Inter-Mountain Veterinary Supply Company
Sera Labs., Inc.
As Producing Subsidiaries
MAIL: 2621 North Belt Highway, St. Joseph, Missouri 64502
- 158-A Chas. Pfizer & Company, Inc., 235 East 42nd Street,
New York, New York 10017
MAIL: P. O. Box 88, Terre Haute, Indiana 47808
- 165 Schering Corporation, Bloomfield, New Jersey dba/
American Scientific Laboratories, A Division of
Schering Corporation, 1902 Tennyson Lane, Madison, Wisconsin
MAIL: P. O. Box 1288, Madison, Wisconsin 53701
- 174 The Columbus Serum Company, 2025 South High Street,
Columbus, Ohio 43207
- 179 The Columbus Vaccine Company, 765 East Hudson Street, Columbus, Ohio
MAIL: P. O. Box 3357, Station "C", Columbus, Ohio 43211

License
No.

- 188 Colorado Serum Company - With Its Producing Subsidiaries:
Americana Laboratories, Inc. International, Inc.
Continental Pharmacal Company Metropolitan Medical Company
Denver Colorado Laboratories, Inc. Professional Biological Company
Empire Veterinary Company Scientific Laboratories, Inc.
Universal Laboratories, Inc.
4950 York Street, Denver, Colorado 80216
- 189 Norden Laboratories - Producing Subsidiary of Smith Kline &
French Laboratories, 601 West Cornhusker Highway, Lincoln, Nebraska 68528
- 193 Rea Serum Company, Southwood Plantation Road, Tallahassee, Florida
MAIL: P. O. Box 471, Tallahassee, Florida 32302
- 195 Salsbury Laboratories, 500 Gilbert Street, Charles City, Iowa 50616
With Its Producing Subsidiary:
Fromm Laboratories, Inc., Grafton, Wisconsin 53024
- 196 Vineland Poultry Laboratories, East Landis Avenue,
Vineland, New Jersey 08360
- 198 American Hoechst Corporation, 777 Third Avenue, New York, New York 10017
With Its Producing Subsidiary:
The National Laboratories Corporation, 1722 Main Street,
Kansas City, Missouri 64108
MAIL: 1510 South 42nd Street, Kansas City, Kansas 66106
- 204 Ciba Corporation, 556 Morris Avenue, Summit, New Jersey 07901
dba/Ciba Corporation and Gland-O-Lac Company, Division of Ciba
Pharmaceutical Company, Division of Ciba Corporation,
1818 Leavenworth Street, Omaha, Nebraska 68101
MAIL: P. O. Box 67, Omaha, Nebraska 68101
- 210 I. D. Russell Company Laboratories, 2463 Harrison Street,
Kansas City, Missouri MAIL: P. O. Box 1, Kansas City, Missouri 64141
- 213 Diamond Laboratories, Inc., 2538 S. E. 43rd Street, Des Moines, Iowa
With Its Producing Subsidiaries: Diamond Laboratories, Inc.,
Des Moines, Iowa
Amdal, Inc., North Chicago, Illinois
Myzon Laboratories, Inc.
Trans World Laboratories, Inc.
6320 Kansas Avenue, Kansas City, Kansas; and,
Southwestern Laboratories, Inc.
2155 N. Mosley, Wichita, Kansas
MAIL: P. O. Box 863, Des Moines, Iowa 50303

License
No.

- 213-A Diamond Laboratories, Inc., 2538 S. E. 43rd Street, Des Moines, Iowa
With Its Producing Subsidiaries: Diamond Laboratories, Inc.,
Des Moines, Iowa
Amdal, Inc., North Chicago, Illinois
Myzon Laboratories, Inc.
Trans World Laboratories, Inc.
6320 Kansas Avenue, Kansas City, Kansas; and,
Southwestern Laboratories, Inc.
2155 N. Mosley, Wichita, Kansas
MAIL: 2155 N. Mosley, Wichita, Kansas 67214
- 218 Medford Laboratories, Inc., Medical Center Building,
33 North Central Avenue, Medford, Oregon 97502
- 223 Keagy Laboratories, 355 North Foothill Road,
Beverly Hills, California 90210
- 225 Affiliated Laboratories Corporation, 222 West Washington Square,
Philadelphia, Pennsylvania - With Its Producing Subsidiaries:
Affiliated Laboratories Corporation, White Hall, Illinois and
National Laboratories Corporation (Nebraska), 1722 Main Street,
Kansas City, Missouri MAIL: P. O. Box 221, White Hall, Illinois 62092
Affiliated Laboratories Corporation, White Hall, Illinois
Grain Belt Division, Omaha, Nebraska
Gregory Laboratory Division, White Hall, Illinois
- 226 Sterling Drug, Inc., 90 Park Avenue, New York, New York 10016
dba/Winthrop Laboratories, Division of Sterling Drug, Inc.
With Its Producing Subsidiaries:
Delaware Poultry Laboratories, Inc., Millsboro, Delaware
Dorn & Mitchell Laboratories, Inc. and
Sterwin Chemicals, Inc., Opelika, Alabama
MAIL: Delaware Poultry Laboratories, Inc., Millsboro, Delaware 19966
- 226-A Sterling Drug, Inc., 90 Park Avenue, New York, New York 10016
dba/Winthrop Laboratories, Division of Sterling Drug, Inc.
With Its Producing Subsidiaries:
Delaware Poultry Laboratories, Inc., Millsboro, Delaware
Dorn & Mitchell Laboratories, Inc. and
Sterwin Chemicals, Inc., Opelika, Alabama
MAIL: Dorn & Mitchell Laboratories, Inc., P. O. Box 999,
Opelika, Alabama 36801
- 227 Bandy Laboratories, Inc. - With Its Producing Subsidiary:
Bi Vet Laboratories, Inc., 2114 South First Street, Temple, Texas
MAIL: P. O. Box 727, Temple, Texas 76502
- 229 Travenol Laboratories, Inc., 6301 Lincoln Avenue,
Morton Grove, Illinois 60053

License
No.

- 230 Marshall Laboratories, Inc., 2612 Whitney Avenue,
Hamden, Connecticut 06518
- 232 E. R. Squibb & Sons, 745 Fifth Avenue, New York, New York 10022
MAIL: # 5 Georges Road, New Brunswick, New Jersey 08902
- 234 American Laboratories, Inc. - dba/Amerlab With Its Producing
Subsidiary: Kenelab, Inc., R. D. 6, Gainesville, Georgia 30501
- 240 The Norwich Pharmacal Company, 17 Eaton Avenue, Norwich, New York 13815
With Its Producing Subsidiary: Maine Biological Laboratories, Inc.,
China Road, Winslow, Maine
MAIL: P. O. Box 255, China Road, Waterville, Maine 04901
- 242 H & H Laboratories, Inc., 115 N. E. 88th Street, Miami, Florida 33138
- 243 Abbott Laboratories, North Chicago, Illinois
dba/Abbott Laboratories, North Chicago, Illinois 60064
Amdal Company, Agricultural Division, Abbott Laboratories,
North Chicago, Illinois 60064, and
Abbott Laboratories, International Veterinary Division,
North Chicago, Illinois 60064
- 244 Poultry Health Laboratories, P. O. Box 204, Davis, California 95616
- 245 Biological Specialties Corporation, 7819 Airport Road,
Middleton, Wisconsin
MAIL: P. O. Box 37, Middleton, Wisconsin 53562
- 246 Veterinary Biologicals, Inc. - With Its Producing Subsidiary:
Vetline Laboratories, Inc., 12230 Santa Fe Drive,
Lenexa, Kansas 66215
- 247 Husky Laboratory, Inc., 1510 Wheatland Drive, Pullman, Washington 99163
- 250 Dr. Mayfield Laboratories, 1209 South Main Street,
Charles City, Iowa 50616
- 251 Veterinary Vaccines, Inc. - With Its Producing Subsidiary:
Lenex Laboratories, Inc., 9247 Rosehill Road, Lenexa, Kansas 66215
- 254 Dellen, Inc. - With Its Producing Subsidiary: Custom Biologics, Inc.
2704 North 84th Street, Omaha, Nebraska 68134
- 255 Barlab, Inc., P. O. Box 1, Sun Prairie, Wisconsin 53590
- 256 Ralston Purina Company, 835 South 8th Street, St. Louis, Missouri 63199

License

No.

- | | |
|-----|---|
| 258 | Impro Products, Inc., 3 Allamakee Street, Waukon, Iowa 52172 |
| 260 | Purex Laboratories, Inc., 346 Broadway
Staten Island, New York 10310 |
| 261 | Spafas, Inc., R. F. D. # 3, Norwich, Connecticut 06360 |

ABBREVIATIONS

A	Suffix to Code Number Denotes Ferret Virulent
(B ₁ Type)	Any Lentogenic Strain
B-S-T	Bronchisepticus-Streptococcus-Typhimurium
** CEO	Chick Embryo Origin
** DEO	Duck Embryo Origin
E & W	Eastern and Western
** HEP	High Egg Passage
** KV	Killed Virus
** LVM	Modified Live Virus
(Roakin Type)	Roakin and Similar Strain Vaccines
** TCO	Tissue Culture Origin

** To be spelled out on labels and circulars in accordance with
Biological Products Memo No. 5, dated August 12, 1965.

*** Products produced and distributed under Special License.

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

July 1, 1967

VACCINES AND VIRUSES

Bio. No.	Product and Form	License Nos. of Producers
	<u>Anaplasmosis Vaccine***</u>	
1005	Bovine Origin	112
	<u>Anthrax Spore Vaccine</u>	
1011	No. 1, Liquid	17, 107, 112
1012	No. 2, Liquid	6-A, 107, 112
1013	No. 3	107
1014	No. 4	52, 107
1016	Nonencapsulated	6-A, 9, 52, 107, 165, 188
	<u>Avian Encephalomyelitis Vaccine***</u>	
1051	Live Virus, CEO	195
1054	KV, CEO	240
	<u>Bluetongue Vaccine</u>	
1061	LVM, CEO	6-A, 52, 124
1062	LVM, TCO	188
	<u>Brucella Abortus Vaccine</u>	
1101	Liquid	6-A, 52-A, 112, 115, 188, 189, 213
1103	Desiccated	6-A, 52, 52-A, 99, 103, 107, 107-A, 112, 115, 124, 188, 189, 198, 213, 225

Bio. No.	Product and Form	License Nos. of Producers
	<u>Canine Distemper Vaccine</u>	
1201	Canine Origin	52-A, 189
1202-A	LVM, Ferret Origin	52-A, 195, 227, 232, 234
1203	LVM, CEO	6-A, 52-A, 107, 107-A, 112, 188, 189, 213, 226, 227, 234, 242
1204	LVM, TCO	6-A, 9, 99, 103, 107, 189, 195, 198, 213, 225, 254
1204-A	LVM, TCO	124, 195, 213
1205	LVM, CEO, TCO	247
	<u>Canine Distemper Vaccine - Leptospira Bacterin</u>	
1211	LVM, TCO	6-A, 107, 195, 254
1211-A	LVM, TCO	198
	<u>Canine Distemper Vaccine - BST Bacterin</u>	
1221	Canine Distemper Vaccine, KV, Canine Origin - BST Bacterin	6-A, 52-A, 112, 189
	<u>Canine Distemper-Hepatitis Vaccine - BST Bacterin</u>	
1231	Canine Distemper-Hepatitis Vaccine, KV, Canine Origin - BST Bacterin	6-A, 52-A, 112, 124, 189, 213, 227
	<u>Canine Distemper-Hepatitis Vaccine</u>	
1241	Canine Distemper-Hepatitis Vaccine, Canine Origin	52-A, 107
1242	Canine Distemper, LVM, CEO - Hepatitis Vaccine	188, 213, 227
1242.1	Canine Distemper, LVM, CEO - Hepatitis Vaccine, KV, TCO	52-A
1243	Canine Distemper, CEO - Hepatitis Vaccine TCO, LVM	6-A, 48, 112, 232, 234
1244-A	Canine Distemper, Ferret Origin - Hepatitis Vaccine LVM, TCO	195

Bio. No.	Product and Form	License Nos. of Producers
1245	Canine Distemper - Hepatitis Vaccine LVM, TCO	6-A, 9, 99, 103, 107, 189, 195, 198, 225, 254
1245-A	Canine Distemper - Hepatitis Vaccine LVM, TCO	124, 195
1246-A	Canine Distemper LVM, Ferret Origin - Hepatitis Vaccine, Canine Origin	227
1247	Canine Distemper CEO - Hepatitis Vaccine DEO, LVM	226
1248	Canine Distemper TCO, CEO - Hepatitis Vaccine TCO, LVM	247
1248-A	Canine Distemper TCO, CEO - Hepatitis Vaccine TCO, LVM	112
1249-A	Canine Distemper TCO, LVM - Hepatitis Vaccine TCO, KV	213
1249.1A	Canine Distemper TCO, LVM - Hepatitis Vaccine, Canine Origin, KV	213
	<u>Canine Distemper-Hepatitis Vaccine - Leptospira Canicola Bacterin</u>	
1251	Canine Distemper-Hepatitis Vaccine, Canine Origin - Leptospira Canicola Bacterin	227
	<u>Canine Distemper-Hepatitis Vaccine - Leptospira Bacterin</u>	
1261	Canine Distemper-Hepatitis Vaccine, Canine Origin - Leptospira Bacterin	195
1262	Canine Distemper TCO - Hepatitis Vaccine TCO, LVM - Leptospira Bacterin	6-A, 9, 99, 103, 107, 189, 195, 198, 225, 254
1262-A	Canine Distemper TCO - Hepatitis Vaccine TCO, LVM - Leptospira Bacterin	213
1263	Canine Distemper LVM, CEO - Hepatitis Vaccine, Canine Origin - Leptospira Bacterin	213, 227

Bio. No.	Product and Form	License Nos. of Producers
1264-A	Canine Distemper LVM, Ferret Origin - Hepatitis Vaccine KV, TCO - Leptospira Bacterin	52-A, 227
	<u>Canine Distemper-Hepatitis Vaccine - Leptospira Canicola - BST Bacterin</u>	
1266	Canine Distemper-Hepatitis Vaccine, Canine Origin - Leptospira Canicola - BST Bacterin	6-A, 112
	<u>Canine Distemper-Hepatitis Vaccine - Leptospira BST Bacterin</u>	
1268	Canine Distemper-Hepatitis Vaccine, Canine Origin - Leptospira - BST Bacterin	6-A, 52-A, 213
	<u>Canine Distemper Virus</u>	
1279	Blood Origin	52-A
1281	<u>Coccidiosis Vaccine (Avian)</u>	226-A
	<u>Fox Distemper - Encephalitis Vaccine</u>	
1311	Fox Distemper LVM, Ferret Origin - Encephalitis Vaccine TCO	195
	<u>Distemper Vaccine - Mink</u>	
1351	Ferret Origin	195
1352	LVM, TCO	6-A, 165, 195, 255
1354	LVM, CEO	52, 213, 227, 234, 245
	<u>Distemper Vaccine-Mink & Clostridium Botulinum Type C Toxoid</u>	
1361	Distemper Vaccine-Mink LVM, CEO & Clostridium Botulinum Type C Toxoid	165
	<u>Encephalomyelitis Vaccine</u>	
1401	Eastern, CEO	52-A
1403	Western, CEO	52, 52-A

Bio. No.	Product and Form	License Nos. of Producers
1405	E & W, CEO	6-A, 52, 52-A, 99, 107, 189, 227
1406	E & W, KV, TCO	107, 112, 227
	<u>Equine Rhinopneumonitis Virus***</u>	
1412	Live Virus	112
	<u>Equine Influenza Vaccine</u>	
1431	KV, CEO	9***, 112, 107***, 107-A***
	<u>Erysipelothrix Rhusiopathiae Vaccine***</u>	
1501	Liquid	188
1502	Desiccated	6-A, 52-A, 103, 188, 189, 213, 225
	<u>Erysipelas Vaccine</u>	
1511	Live Culture-Avirulent	52-A, 107, 189
1512	Live Culture-Modified	99, 124, 232
1513	Live Culture-Avirulent (Oral)	99***
	<u>Feline Distemper Vaccine</u>	
1551	KV, Feline Origin	6-A, 9, 52-A, 103, 107, 112, 124, 189, 195, 213, 225, 227, 254
1552	KV, TCO	99, 103, 198
1553	LVM, TCO	124
	<u>Feline Distemper Vaccine & Clostridium Botulinum Type C Toxoid</u>	195
	<u>Feline Pneumonitis Vaccine</u>	
1561	LVM, CEO	6-A, 195
	<u>Fowl Laryngotracheitis Vaccine</u>	
1601	Live Virus, CEO	6-A, 17, 52, 165, 195, 196, 204, 226, 234, 243

Bio. No.	Product and Form	License Nos. of Producers
1604	LVM, CEO	196
1605	LVM, TCO	165, 226
	<u>Fowl Pox Vaccine</u>	
1651	Live Virus, CEO - Desiccated	6-A, 9, 17, 52, 112, 165, 189, 195, 196, 204, 210, 226, 227, 234, 243
1652	Live Virus, CEO - Liquid	230
1653	Live Virus, TCO	112, 165, 226
	<u>Hog Cholera Vaccine</u>	
1701	Blood Origin	112, 124, 188, 193, 213-A
1702	Tissue Origin	52, 107, 112, 115, 188, 189, 195, 213-A, 227
1702.1	Tissue Origin (Blood, Spleen, TCO)	227
1703	LVM, Rabbit Origin	6-A, 9, 110, 112, 115, 246
1707	LVM, TCO	48, 52, 99, 103, 112, 117-A, 124, 158-A, 188, 189, 195, 198, 213, 225, 227, 246, 251, 254
	<u>Hog Cholera Virus***</u>	
1751	Simultaneous	124, 188
	<u>Bovine Rhinotracheitis Vaccine</u>	
1781	LVM, TCO	3, 6-A, 52, 99, 103, 107, 115, 117-A, 124, 158-A, 165, 188, 189, 198, 213, 225, 246, 254
	<u>Bovine Rhinotracheitis - Parainfluenza₃ Vaccine***</u>	
1782	Bovine Rhinotracheitis-Para- influenza ₃ Vaccine, LVM, TCO	112

Bio. No.	Product and Form	License Nos. of Producers
	<u>Bovine Rhinotracheitis Vaccine - Leptospira Pomona Bacterin</u>	
1785	Bovine Rhinotracheitis Vaccine LVM, TCO - Leptospira Pomona Bacterin	3, 52, 103, 107, 117-A, 124, 165, 188, 189, 198, 213, 246
	<u>Bovine Rhinotracheitis - Virus Diarrhea Vaccine***</u>	
1786	LVM, TCO	6-A, 213
	<u>Bovine Rhinotracheitis - Virus Diarrhea Vaccine - Leptospira Pomona Bacterin***</u>	
1786.5	Bovine Rhinotracheitis-Virus Diarrhea Vaccine LVM, TCO - Leptospira Pomona Bacterin	213
	<u>Bovine Virus Diarrhea Vaccine***</u>	
1787	LVM, TCO	6-A, 103, 107, 124, 198, 213
	<u>Bovine Virus Diarrhea Vaccine - Leptospira Pomona Bacterin***</u>	
1787.5	Bovine Virus Diarrhea Vaccine LVM, TCO - Leptospira Pomona Bacterin	198
	<u>Bronchitis Vaccine***</u>	
1791	Live Virus	165, 195, 196, 204, 226, 227, 230, 234, 240, 243
	<u>Canine Hepatitis Vaccine</u>	
1801	Canine Origin	6-A, 52-A, 107, 107-A, 112 188, 189, 213, 227
1802	LVM, TCO	6-A, 103, 124, 195, 213, 225, 234, 254
1803	TCO	52-A, 107, 227
	<u>Canine Hepatitis Vaccine - Leptospira Bacterin</u>	
1807	LVM, TCO	254

Bio. No.	Product and Form	License Nos. of Producers
	<u>Measles Vaccine***</u>	
1811	LVM, TCO	124
	<u>Myxomatosis Vaccine***</u>	
1815	LVM, TCO	244
	<u>Mink Enteritis Vaccine</u>	
1821	KV, Mink Origin	165, 195, 232, 245, 255
	<u>Mink Enteritis Vaccine & Clostridium Botulinum Type C Toxoid</u>	
1825	Mink Enteritis Vaccine KV, Mink Origin & Clostridium Botulinum Type C Toxoid	165, 195, 232, 245, 255
	<u>Newcastle Disease Vaccine</u>	
1831	KV, CEO	6-A, 17, 52, 112, 165, 189, 195, 196, 234, 240, 243
1832	Live Virus (B ₁ Type) CEO	6-A, 9, 17, 52, 165, 189, 195, 196, 204, 210, 226, 227, 230, 234, 240, 243, 256
1833	Live Virus (Roakin Type) CEO	9, 52, 195, 196, 204, 226, 230, 234, 240
1834	LVM, TCO	99, 244
1835	LVM, CEO	226
	<u>Newcastle Disease - Bronchitis Vaccine***</u>	
1841	Newcastle (B ₁ Type) - Bronchitis Vaccine (Live Virus) CEO	9, 165, 195, 196, 204, 226, 227, 230, 234, 240, 243, 256
	<u>Newcastle Disease - Bronchitis - Laryngotracheitis Vaccine***</u>	
1851	Newcastle (B ₁ Type) - Bronchitis - Laryngotracheitis Vaccine (Live Virus) CEO	165
1871	<u>Ovine Ecthyma Vaccine</u>	52, 112, 117-A, 124

Bio. No.	Product and Form	License Nos. of Producers
	<u>Parainfluenza₃ Vaccine -</u>	
	<u>Pasteurella Bacterin</u>	
1875	Parainfluenza ₃ Vaccine (Bovine Strains) Inactivated Virus, TCO - Pasteurella Bacterin	99
	<u>Pigeon Pox Vaccine</u>	
1881	Live Virus, CEO	17, 112, 165, 189, 196, 204, 226, 234, 243
	<u>Rabies Vaccine</u>	
1901	LVM, CEO	6-A, 9, 48, 52-A, 107, 107-A, 112, 124, 189, 195, 198, 213, 225, 227, 232, 234
1901.1	LVM, CEO, HEP	6-A, 9
1902	Caprine Origin	6-A, 107, 112, 124, 189, 213, 227, 234
1903	Equine Origin	112
1904	Lepine Origin	112
1905	Ovine Origin	52-A, 107, 112, 124, 189, 227
1906	TCO	107, 112, 195
1907	LVM, TCO	6-A, 9, 195
1907.1	LVM, TCO, ERA Strain	113
1907.2	LVM, TCO, HEP	189
	<u>Transmissible Gastroenteritis Vaccine***</u>	
1911	KV, TCO	213

Bio. No.	Product and Form	License Nos. of Producers
	<u>Vesicular Stomatitis Vaccine***</u>	
1921	Live Virus, CEO	245
	<u>Wart Vaccine</u>	
1951	Autogenous	52-A, 99, 189
1952	Bovine Origin	52-A, 103, 112, 124, 188, 189, 198, 213, 254
1953	CEO	6-A, 99, 107, 188, 225

BACTERINS

Bio. No.	Product and Form	License Nos. of Producers
2011	<u>Anthrax Bacterin</u>	17, 52-A
2051	<u>Autogenous Bacterin</u>	6-A, 17, 48, 52, 52-A, 99, 103, 112, 117-A, 124, 188, 189, 195, 196, 204, 210, 213, 218, 223, 225, 226-A, 244, 245, 246, 250, 254
	<u>Blackleg Bacterin</u>	
2151	Concentrated	117-A
2152	Whole Culture	3, 6-A, 17, 52, 52-A, 99, 103, 107, 112, 115, 124, 158-A, 165, 188, 189, 195, 198, 213, 225, 227, 246
	<u>Blackleg Hemorrhagic Septicemia Bacterin</u>	
2201	Whole Culture	17, 52, 112, 117-A, 124, 165, 189, 213, 246
2281	<u>Bronchisepticus-Pasteurella Bacterin</u>	115
	<u>Bronchisepticus Streptococcus Bacterin</u>	
2301	Canine Strains	52-A
2401	<u>Clostridium Chauvoei-Septicum Bacterin</u>	3, 6-A, 9, 17, 52, 52-A, 99, 103, 107, 112, 115, 117-A, 124, 158-A, 165, 188, 189, 195, 198, 213, 225, 227, 246, 254
2411	<u>Clostridium Chauvoei-Septicum Pasteurella Bacterin</u>	3, 6-A, 9, 17, 52, 52-A, 99, 103, 107, 112, 115, 117-A, 124, 158-A, 165, 188, 189, 198, 213, 225, 227, 246, 254
2421	<u>Clostridium Chauvoei Novyi Bacterin</u>	115
2431	<u>Clostridium Hemolyticum Bacterin</u>	6-A, 52, 107, 117-A, 124, 165, 213
2451	<u>Clostridium Novyi Bacterin</u>	52, 117-A, 188

Bio. No.	Product and Form	License Nos. of Producers
2452	<u>Clostridium Novyi Sordellii Bacterin</u>	52
2461	<u>Clostridium Chauvoei-Septicum Novyi Bacterin</u>	52, 107, 117-A, 124, 188, 227
2501	<u>Clostridium Perfringens Type D Bacterin</u>	6-A, 52, 52-A, 99, 107, 115, 117-A, 124, 158-A, 189, 213
	<u>Coli-Enteritidis Bacterin</u>	
2551	Bovine Strains	17, 124
2571	<u>Coli-Enteritidis Pasteurella Bacterin</u>	213
2591	<u>Coli-Staphylococcus Streptococcus Bacterin</u>	6-A, 52-A, 107, 112, 189, 195, 213
2621	<u>Corynebacterium Pasteurella Bacterin</u>	6-A, 17, 52-A, 99, 103, 107, 112, 115, 117-A, 124, 189, 198, 213, 225, 254
2641	<u>Erysipelas Bacterin</u>	3, 6-A, 9, 48, 52-A, 99, 103, 107, 112, 115, 117-A, 124, 158-A, 165, 188, 189, 195, 196, 198, 213, 218, 225, 227, 246, 254
2681	<u>Hemorrhagic Septicemia Bacterin</u>	6-A, 17, 52, 52-A, 99, 103, 107, 112, 115, 117-A, 124, 165, 188, 189, 198, 213, 225, 246, 254
2691	<u>Leptospira Pomona Bacterin</u>	3, 6-A, 9, 52, 52-A, 99, 103, 107, 107-A, 112, 115, 117-A, 124, 158-A, 165, 188, 189, 195, 198, 213, 225, 227, 246
2692	<u>Leptospira Canicola- Icterohaemorrhagiae Bacterin</u>	6-A, 9, 52-A, 99, 103, 107, 112, 124, 189, 195, 198, 213, 225, 227, 254
2693	<u>Leptospira Canicola Bacterin</u>	227
2699	<u>Paracolon Arizona Bacterin***</u>	52, 244
2701	<u>Pasteurella Avicida Bacterin</u>	17, 115, 165, 195, 196, 204, 210, 226-A, 240, 243
2702	Turkey Formula***	226-A

Bio. No.	Product and Form	License Nos. of Producers
2721	<u>Pasteurella Salmonella Bacterin</u>	225
2731	<u>Pasteurella Salmonella</u> <u>Choleraesuis Bacterin</u>	6-A, 52, 115, 124, 189, 213
2751	<u>Pseudomonas-Staphylococcus Bacterin</u>	218
2771	<u>Ram Epididymitis Bacterin***</u>	52
2781	<u>Salmonella Abortivoequina Bacterin</u>	52-A
2801	<u>Salmonella Choleraesuis Bacterin</u>	52-A, 189
2821	<u>Salmonella Dublin-Typhimurium</u> <u>Bacterin</u>	52
	<u>Staphylococcus Streptococcus Bacterin</u>	
2851	Bovine Strains, Liquid	17, 115, 124, 213
2852	<u>Staphylococcus Aureus Bacterin</u>	124
2855	<u>Streptococcus Equi Bacterin</u>	112
	<u>Vibrio Fetus Bacterin***</u>	
2861	Ovine Strains	103, 188
2862	Bovine Strains	103, 112, 188, 189

SERUMS

Bio. No.	Product and Form	License Nos. of Producers
<u>Antiserum (Avian Origin)</u>		
3001.1	Avian Encephalomyelitis	261
3001.2	Fowl Pox	261
3001.3	Infectious Bronchitis (Conn.)	261
3001.4	Infectious Bronchitis (Mass.)	261
3001.5	Fowl Laryngotracheitis	261
3001.6	Galles Adeno-Like (CELO-Phelps)	261
3001.7	Mycoplasma Gallisepticum	261
3001.8	Mycoplasma Synoviae	261
3001.9	Newcastle Disease	261
3001.10	Rous Sarcoma (Bryan)	261
3001.11	Rous Sarcoma (RAV ₂)	261
3001.12	Rous Sarcoma (Schmidt-Ruppin)	261
<u>Antibacterial Serum (Bovine)</u>		
3053	Formula 3, Bovine Origin	6-A, 103, 112, 124, 188
<u>Antibacterial Serum (Canine)</u>		
3061	Formula 1, Equine Origin	112
3068	Formula 2, Canine Origin	112
<u>Antibacterial Serum (Equine)</u>		
3071	Formula 1, Equine Origin	52-A, 112
3072	Formula 2, Equine Origin	112
<u>Antibacterial Serum (Feline)</u>		
3082	Formula 1, Equine Origin	6-A, 52-A, 112

Bio. No.	Product and Form	License Nos. of Producers
3241	<u>Anti-Canine Distemper Serum</u>	112
3301	<u>Anti-Canine Distemper-Hepatitis Serum (Canine Origin or Homologous)</u>	52-A, 189, 234
3333	<u>Anti-Canine Distemper-Hepatitis- Leptospira Canicola Serum</u>	6-A, 52-A, 112, 189, 213, 234
3334	<u>Anti-Canine Distemper-Hepatitis- Leptospira Serum</u>	6-A, 124, 213
3343	<u>Anti-Canine Distemper-Hepatitis- Leptospira Canicola Serum (Concentrate)</u>	195
3345	<u>Canine Distemper-Hepatitis Leptospira Canicola Antibodies (Canine Globulin Concentrate)</u>	213
3346	<u>Canine Distemper-Hepatitis Leptospira Antibodies (Canine Globulin Concentrate)</u>	6-A, 9, 52-A, 107, 213, 234
	<u>Anti-Coli Enteritidis Pasteurella Serum</u>	
3401	Bovine Origin	52-A
	<u>Anti-Corynebacterium Pasteurella Serum</u>	
3501	Bovine Origin	52-A, 103, 112, 124, 188, 189, 198, 213, 225
3502	Equine Origin	188
3504	Concentrate	213
3551	<u>Anti-Feline Distemper Serum</u>	112, 189
	<u>Anti-Hemorrhagic Septicemia Serum</u>	
3601	Bovine Origin	52-A, 103, 112, 124, 188, 189, 213, 225
3602	Equine Origin	188

Bio. No.	Product and Form	License Nos. of Producers
3651	<u>Anti-Hog-Cholera Serum</u>	48, 61, 103-A, 111, 124, 174, 188, 193, 198, 213-A, 225
3661	<u>Hog Cholera Antibody-Concentrate</u>	48, 103-A, 111, 124, 174, 188, 198, 213-A, 225
	<u>Anti-Swine Erysipelas Serum</u>	
3751	Bovine Origin	112
3752	Equine Origin	6-A, 52-A, 103, 107, 112, 124, 188, 189, 198, 213, 225
3811	<u>Pregnant Mare Serum</u>	52, 52-A, 188
	<u>Normal Serum</u>	
3901	Bovine Origin	112, 188
3902	Canine Origin	6-A, 52-A, 112, 188, 189
3903	Equine Origin	52-A, 112, 124, 188
3904	Feline Origin	6-A, 52-A, 112, 124, 188, 189, 195
3905	Porcine Origin	112, 188

MIXED BACTERINS

Bio. No.	Product and Form	License Nos. of Producers
<u>Mixed Bacterin (Avian)</u>		
4011	Chicken Formula	6-A, 17, 52-A, 112, 115, 124, 189, 210, 213
<u>Mixed Bacterin (Bovine)</u>		
4051	Formula 1	6-A, 17, 52, 52-A, 99, 103, 107, 112, 115, 117-A, 124, 189, 195, 198, 213, 225, 246, 254
4052	Formula 2	6-A, 17, 52, 52-A, 103, 107, 112, 115, 117-A, 124, 165, 195, 198, 213, 225, 246, 254
4053	Formula 3	6-A, 52, 52-A, 112, 115, 117-A, 124, 189, 198, 213, 225, 246, 254
<u>Mixed Bacterin (Canine)</u>		
4101	Formula 1	52-A, 189, 195, 213
<u>Mixed Bacterin (Chinchilla)</u>		
4151	Formula 1	195, 218, 223
4152	Formula 2	195, 223
4153	Formula 3	195, 223
4154	Formula 4	195
<u>Mixed Bacterin (Equine)</u>		
4201	Formula 1	6-A, 52-A, 112, 115, 117-A, 124, 189, 213, 246
4202	Formula 2	124, 189
<u>Mixed Bacterin (Feline)</u>		
4251	Formula 1	112, 189, 195, 213

Bio. No.	Product and Form	License Nos. of Producers
4351	<u>Mixed Bacterin (Ovine)</u>	52-A, 107, 112, 115, 124, 189, 213, 225
	<u>Mixed Bacterin (Porcine)</u>	
4401	Formula 1	6-A, 17, 52-A, 103, 107, 112, 115, 117-A, 124, 189, 198, 213, 225, 246
4402	Formula 2	6-A, 17, 52-A, 107, 112, 115, 117-A, 124, 189, 198, 213, 225, 246

DIAGNOSTICS

Bio. No.	Product and Form	License Nos. of Producers
5001	<u>Anaplasma Marginale Antigen***</u>	213
	<u>Brucella Abortus Antigen</u>	
5011	Stained Antigen	6-A, 107, 112
5051	<u>Leptospira Antigen</u>	6-A, 107, 112
	<u>Mycoplasma Gallisepticum Antigen***</u>	
5071	S-6 Serotype - Plate	195
5072	S-6 Serotype - Tube	195
	<u>Mallein</u>	
5103	Ophthalmic	52-A
	<u>Pullorum Antigen</u>	
5201	Regular	179
5202	Turkey	179
5203	Polyvalent	179
5205	Stained Antigen K	196
5206	Stained Antigen K Polyvalent	165, 195, 196, 204, 210
5208	Tube Antigen	196
	<u>Tuberculin</u>	
5301	Intradermic	6-A, 52-A, 107, 112
	<u>Tuberculin (Avian)</u>	
5351	Intradermic	52-A, 107

ANTITOXINS

Bio. No.	Product and Form	License Nos. of Producers
	<u>Botulinus Antitoxin</u>	
6141	Types A, B & C, Bovine Origin	112
6142	Types A, B & C, Equine Origin	112
	<u>Clostridium Perfringens</u>	
6201	<u>Type D Antitoxin</u>	52-A, 103, 225
	<u>Clostridium Perfringens</u>	
6211	<u>Type C Antitoxin</u>	52-A, 103, 225
	<u>Clostridium Perfringens Antitoxin,</u> <u>Types B, C & D</u>	
6221	Equine Origin	52-A, 99, 103, 112, 124, 225
	<u>Tetanus Antitoxin</u>	
6301	Bovine Origin	112
6302	Equine Origin	6-A, 52-A, 99, 103, 107, 107-A, 112, 124, 188, 198, 225
6303	Serum Globulin: Bovine Origin	112
6304	Serum Globulin: Equine Origin	52-A, 112

OTHER BIOLOGICS

Bio. No.	Product and Form	License Nos. of Producers
9102	<u>Streptokinase-Human</u> <u>Plasminogen-Streptodornase</u> <u>Plasma Protein</u>	9
9150	Canine Plasma Protein Solution	6-A
9201	<u>Staphylococcus Aureus Toxoid</u>	6-A, 107, 112
9301	<u>Tetanus Toxoid</u>	6-A, 52, 52-A, 99, 103, 107, 107-A, 112, 124, 188, 254
9331	<u>Clostridium Botulinum Type C Toxoid</u>	165, 195, 245, 255
9335	<u>Clostridium Botulinum Toxoid</u> <u>Types A, B & C</u>	195
9351	<u>Clostridium Perfringens</u> <u>Type C Toxoid</u>	6-A, 52-A, 99, 103, 117-A, 124, 225, 254
9355	<u>Clostridium Perfringens Toxoid</u> <u>Types C & D</u>	52-A
9361	<u>Clostridium Perfringens</u> <u>Type D Toxoid</u>	3, 52-A, 99, 103, 112, 115, 225
9401	<u>Veterinary Piromen</u>	229
9501	<u>Lactobacillus Acidophilus</u>	189
9511	<u>Flea Antigen (Desensitizing)</u> <u>Allergenic Extracts***</u>	52-A
9521	House Dust	260
9522	Pollens	260
9523	Molds	260
9524	Inhalants	260
	<u>Whey Antibody Blend***</u>	
9601	S. Aureus, S. Albus, E. Coli Klebsiella Pneumonia, Aerobacter Aerogenes, Proteus, Streptococcus, Pseudomonas	258

NOTES

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